

USER MANUAL

ProLite

LCD Monitor

ENGLISH

ProLite LE4041UHS

Thank you very much for choosing the iiyama LCD monitor.

We recommend that you take a few minutes to read this comprehensive manual carefully before installing and switching on the monitor. Please keep this manual in a safe place for your future reference.

CE MARKING DECLARATION OF CONFORMITY

This LCD monitor complies with the requirements of the EC/EU Directive 2004/108/EC "EMC Directive", 2006/95/EC "Low Voltage Directive" and 2011/65/EU "RoHS Directive".

Warning

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Iiyama Corporation: Wijkmeerstraat 8, 2131 HA Hoofddorp, The Netherlands



We recommend recycling of used product. Please contact your dealer or iiyama service center. Recycle information is obtained via the Internet, using the address: <http://www.iiyama.com>

You can access the Web page of different countries from there.

- We reserve the right to change specifications without notice.
- All trademarks used in this user manual are the property of their respective owners.

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FOR YOUR SAFETY

SAFETY PRECAUTIONS

WARNING

STOP OPERATING THE MONITOR WHEN YOU SENSE TROUBLE

If you notice any abnormal phenomena such as smoke, strange sounds or fumes, unplug the monitor and contact your dealer or iiyama service center immediately. Further use may be dangerous and can cause fire or electric shock.

NEVER REMOVE THE CABINET

High voltage circuits are inside the monitor. Removing the cabinet may expose you to the danger of fire or electric shock.

DO NOT PUT ANY OBJECT INTO THE MONITOR

Do not put any solid objects or liquids such as water into the monitor. In case of an accident, unplug your monitor immediately and contact your dealer or iiyama service center. Using the monitor with any object inside may cause fire, electric shock or damage.

INSTALL THE MONITOR ON A FLAT, STABLE SURFACE

The monitor may cause an injury if it falls or is dropped.

DO NOT USE THE MONITOR NEAR WATER

Do not use where water may be splashed or spilt onto the monitor as it may cause fire or electric shock.

OPERATE UNDER THE SPECIFIED POWER SUPPLY

Be sure to operate the monitor only with the specified power supply. Use of an incorrect voltage will cause malfunction and may cause fire or electric shock.

PROTECT THE CABLES

Do not pull or bend the power cable and signal cable. Do not place the monitor or any other heavy objects on the cables. If damaged, the cables may cause fire or electric shock.

ADVERSE WEATHER CONDITIONS

It is advisable not to operate the monitor during a heavy thunder storm as the continual breaks in power may cause malfunction. It is also advised not to touch the plug in these circumstances as it may cause electric shock.

CAUTION

INSTALLATION LOCATION

Do not install the monitor where sudden temperature changes may occur, or in humid, dusty or smoky areas as it may cause fire, electric shock or damage. You should also avoid areas where the sun shines directly on the monitor.

DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION

The monitor may topple and cause injury if not suitably located. Please also ensure that you do not place any heavy objects on the monitor, and that all cables are routed such that children may not pull the cables and possibly cause injury.

MAINTAIN GOOD VENTILATION

Ventilation slots are provided to keep the monitor from overheating. Covering the slots may cause fire. To allow adequate air circulation, place the monitor at least 10 cm (or 4 inches) from any walls. Do not remove the tilt stand when operating the monitor. Ventilation slots on the back of the cabinet will be blocked and the monitor may overheat if the stand is removed. This may cause fire or damage. Operating the monitor on its back, side, upside down or on a carpet or any other soft material may also cause damage.

DISCONNECT THE CABLES WHEN YOU MOVE THE MONITOR

When you move the monitor, turn off the power switch, unplug the monitor and be sure the signal cable is disconnected. If you do not disconnect them, it may cause fire or electric shock.

UNPLUG THE MONITOR

If the monitor is not in use for a long period of time it is recommended that it is left unplugged to avoid accidents.

HOLD THE PLUG WHEN DISCONNECTING

To disconnect the power cable or signal cable, always pull it by the plug. Never pull on the cable itself as this may cause fire or electric shock.

DO NOT TOUCH THE PLUG WITH WET HANDS

Pulling or inserting the plug with wet hands may cause electric shock.

WHEN YOU INSTALL THE MONITOR ON YOUR COMPUTER

Be sure the computer is strong enough to hold the weight of the monitor, otherwise, you may damage your computer.

REMARK FOR 24/7 USAGE

This product is not specifically designed for 24/7 usage in all environments.

OTHERS

ERGONOMIC RECOMMENDATIONS

To eliminate eye fatigue, do not operate the monitor against a bright background or in a dark room. For optimal viewing comfort, the monitor should be just below eye level and 40-60 cm (16-24 inches) away from your eyes. When using the monitor over a prolonged time, a ten minute break every hour is recommended as looking at the screen continuously can cause eye strain.

SPECIAL NOTES ON LCD MONITORS

The following symptoms are normal with LCD monitors and do not indicate a problem.

NOTE

- When you first turn on the LCD monitor, the picture may not fit in the display area because of the type of computer that is used. In this case, adjust the picture position to the correct position.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the Power Switch for hours.
- Max. non-stop operating time and conditions
 - (1) If a static image is displayed continuously, it is recommended to disrupt it with a motion picture.
 - (2) It is recommended to periodically change the background colour and background image.
 - (3) Do not exceed a 12 hour non-stop operating time limit.
 - (4) If the screen is active for a longer period of time, it is recommended to
 - I. Run the screensaver (motion picture or black pattern)
 - II. Power off the system for a while
 - (5) Make sure that the screen is suitably ventilated, or is used in conjunction with climate control system if installed into any bespoke cabinets.
 - (6) We strongly recommend an active cooling system with fans for long operating times, especially for high luminance LCD models.
- This LCD cannot be used outdoors.
- This LCD cannot be used with the screen facing upwards.

CUSTOMER SERVICE

NOTE

- If you have to return your unit for service and the original packaging has been discarded, please contact your dealer or iiyama service center for advice or replacement packaging.

CLEANING

WARNING

- If you drop any materials or liquids such as water into the monitor when cleaning, unplug the power cable immediately and contact your dealer or iiyama service center.

CAUTION

- For safety reasons, turn off the power switch and unplug the monitor before you clean it.

NOTE

- To protect the LCD panel, do not scratch or rub the screen with a hard object.
- Never use any of the following strong solvents. These will damage the cabinet and the LCD screen.

Thinner	Benzine	Abrasive cleaner
Spray-type cleaner	Wax	Acid or Alkaline solvent

- Touching the cabinet with any product made from rubber or plastic for a long time may cause degeneration or loss of paint on the cabinet.

CABINET

Stains can be removed with a cloth lightly moistened with a mild detergent solvent. Then wipe the cabinet with a soft dry cloth.

LCD

Periodic cleaning with a soft dry cloth is recommended.

SCREEN

Don't use tissue paper etc. because these will damage the LCD screen.

BEFORE YOU OPERATE THE MONITOR

FEATURES

- ◆ Supports Resolutions up to 3840 × 2160
- ◆ High Contrast 5000:1 (Typical) / Brightness 350cd/m² (Typical)
- ◆ Digital Character Smoothing
- ◆ Automatic Set-up
- ◆ Stereo Speakers
2 × 6W Stereo Speakers
- ◆ Plug & Play VESA DDC2B Compliant
Windows® Vista/7/8 Compliant
- ◆ Power Management
- ◆ VESA Mounting Standard (200mm×400mm) Compliant
- ◆ Fanless design

CHECKING THE CONTENTS OF THE PACKAGE

The following accessories are included in your package. Check to see if they are enclosed with the monitor. If anything is missing or damaged, please contact your local iiyama dealer or regional iiyama office.

- | | | |
|-----------------------|---------------------------|----------------------|
| ■ Power Cable (2pcs)* | ■ VGA(D-sub) Signal Cable | ■ DVI-D Signal Cable |
| ■ HDMI Cable | ■ mDP-DP Cable | ■ RS232C Cable |
| ■ Audio Cable | ■ Remote Control | ■ Safety Guide |
| ■ Quick Start Guide | | |

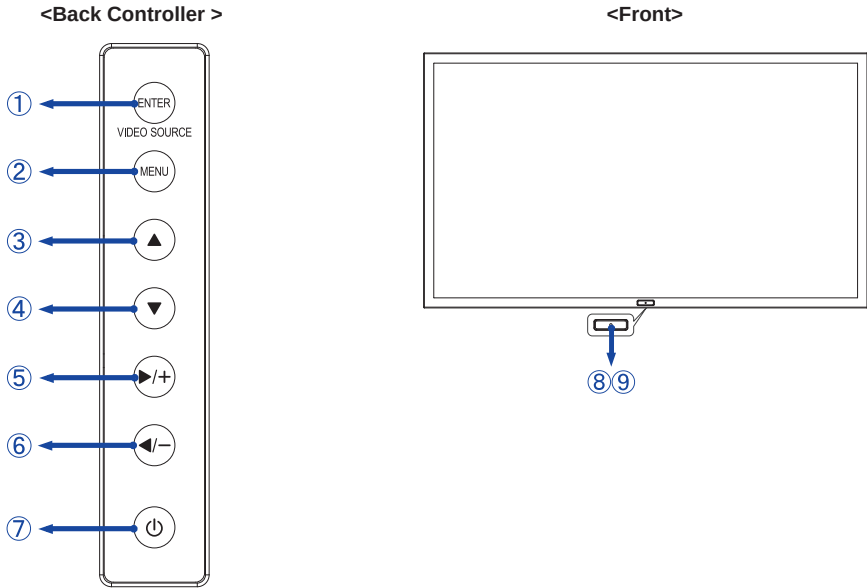
CAUTION * The rating of the Power Cable enclosed in 120V area is 10A/125V. If you are using a power supply higher than this rating, then a power cable with a rating of 10A/250V must be used. However, all guarantees and warranties are void for any problems or damage caused by a power cable not supplied by iiyama.

UNPACKING

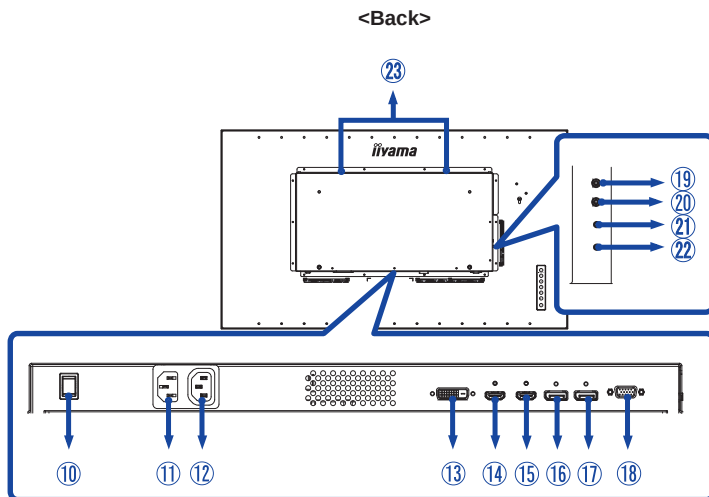
CAUTION

Moving the monitor requires at least two people. If not, it may drop and could result in a serious injury.

CONTROLS AND CONNECTORS : MONITOR



①	ENTER/ VIDEO SOURCE	Enter / Input Select Button	
②	MENU	Menu Button	
③	▲	Up Button	
④	▼	Down Button	
⑤	► / +	+ Button	
⑥	◀ / -	Left / - Button	
⑦	⏻	Power Button	
⑧	Power Indicator	Blue	Normal Operation
		Orange	Power Management
⑨	Remote Sensor	Remote Sensor	



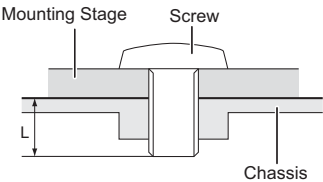
⑩	AC SWITCH (ON) / ○ (OFF)	MAIN POWER	Main Power Switch
⑪	AC IN	AC-INLET	AC Connector(~ : Alternating current) (AC-IN)
⑫	AC OUT	AC-OUTLET	AC Connector (AC-OUT)
⑬	DVI IN	DVI-D 24pin	DVI-D 24pin Connector
⑭	HDMI1 IN	HDMI	HDMI Connector
⑮	HDMI2 IN	HDMI	HDMI Connector,
⑯	DP IN	DisplayPort	DisplayPort Connector
⑰	DP OUT	DisplayPort	DisplayPort Connector
⑱	VGA IN	D-SUB mini 15pin	D-SUB mini 15pin Connector
⑲	AUDIO OUT	Mini Jack	Audio output Connector
⑳	AUDIO IN1 (PC Audio In)	Mini Jack	Audio Connector
㉑	RS232C IN	Mini Jack	RS232C Connector
㉒	RS232C OUT	Mini Jack	RS232C Connector
㉓	SPEAKERS		Speakers

INSTALLATION

CAUTION

- Follow the manual instructions for the type of mount you have selected. Refer all servicing to qualified service personnel.
- Moving the monitor requires at least two people.
- Before installing, please make sure the wall is strong enough to hold the necessary weight of the display and the mount.

[WALL MOUNTING]

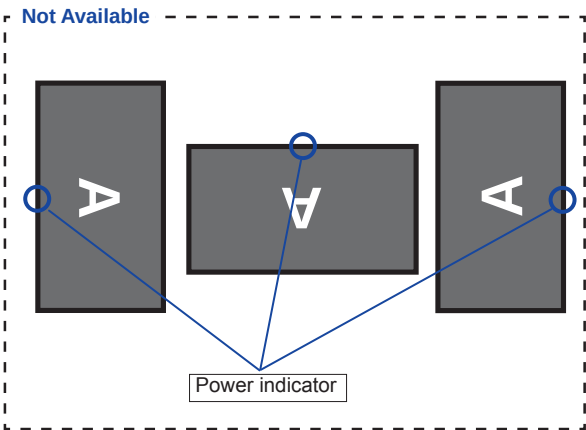
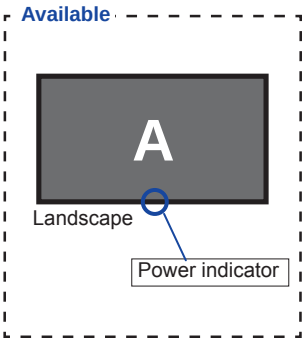


CAUTION

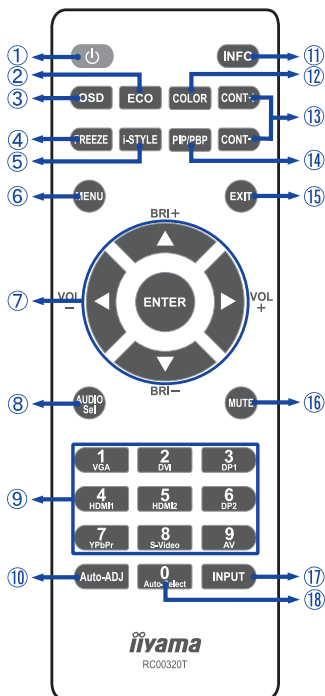
When using the wall mounting, consideration of thickness of the mounting stage needs to be taken. Tighten the M6 Screw with washer which “L” length is 10mm to fasten the monitor. Using a screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.

[ROTATING THE DISPLAY]

It is designed to be compatible in landscape mode.



CONTROLS AND CONNECTORS : REMOTE CONTROL



①		Turns the monitor ON and OFF.
②	ECO	Display the ECO mode menu.
③	OSD	Display the OSD menu.
④	FREEZE	Freeze the picture.
⑤	i-STYLE	Display the i-Style Color menu.
⑥	MENU	Opens the monitor's on-screen menu systems. When the menu system is already open, pressing this button will select the previous submenu.
⑦		Navigates through settings. ▲: Up Button ▼: Down Button ◀: - Button ▶: + Button ▲ (BRI+): Turn up the brightness. ▼ (BRI-): Turn down the brightness. ◀ (VOL-): Decreases the sound volume. ▶ (VOL+): Increases the sound volume.
	ENTER	Decision Button
⑧	AUDIO Sel	Display the AUDIO select menu.
⑨	Number (1-9) / Input source	Serve as input source buttons when the Menu is not displayed. The DP2, YpbPr, S-Video and AV are not available with this monitor.
⑩	Auto-ADJ	Adjust the Auto Adjustment.
⑪	INFO	Provides source and resolution information.
⑫	COLOR	Display the Color Setting menu.
⑬	CONT + / CONT -	CONT + : Turn up the Contrast. CONT - : Turn down the Contrast.
⑭	PIP/PBP	Display the PIP/PBP menu.
⑮	EXIT	Returns to a previous menu or closes the OSD Menu.
⑯	MUTE	Turns on or off the mute function when the Menu is not displayed.
⑰	INPUT	Display the Input Select menu.
⑱	Number (0) / Auto-Select	Search for an available input source and select automatically.

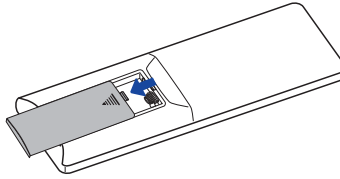
PREPARING THE REMOTE CONTROL

To use the remote control, insert the two dry batteries.

CAUTION

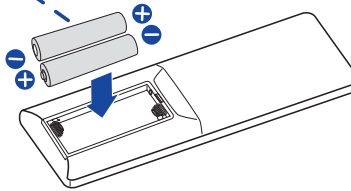
Do not use any other batteries other than those specified in this manual for the Remote Control. Do not insert old and new batteries together in the Remote Control. Make sure that the terminals match the "+" and "-" indications in the battery compartment. Burst batteries or the electrolyte from these batteries may cause stains, fire or injury.

- ① Slide back and remove the battery cover in the direction of the arrow.

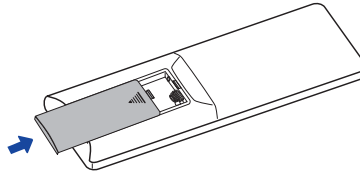


- ② Align and insert two AAA batteries according to their plus and minus ports (as indicated in the remote control).

Battery x 2 (Not included)



- ③ Replace the battery cover in the direction of the arrow and snap it back into place.



NOTE

- Replace with new batteries when the Remote Control does not work close to the monitor. Use AAA dry batteries.
- Operate the Remote Control by pointing it toward the Remote Sensor on the monitor.
- Other manufacturers remote control will not work with this monitor. Use the provided Remote Control ONLY.
- Used batteries needed to follow the local rules to be discarded. (Suggestion: to dispose of used batteries please follow correct policy as per your local regulations.)

BASIC OPERATION

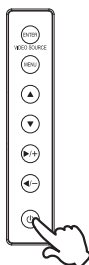
■ Turning the monitor ON

The monitor is on and the Power Indicator turns Blue when you press the Power Button on the monitor or the Remote Control. The monitor is off and the Power Indicator turns Orange when you press the Power Button on the monitor or the Remote Control. Press again to turn the monitor on.

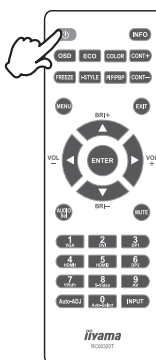
NOTE

Even when using the power management mode or turning OFF the Power Switch, the monitor will consume a small amount of electricity. Disconnect the Power Cable from the power supply whenever the monitor is not in use or during the night, to avoid unnecessary power consumption.

[Monitor]



[Remote Control]



■ Display the adjustment menu page

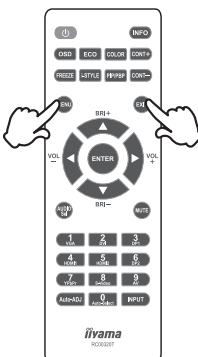
The menu page appears on the screen when you press the MENU Button on the monitor or the Remote Control.

The menu page disappears when you press the MENU Button on the Monitor or EXIT Button on the Remote Control.

[Monitor]



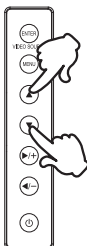
[Remote Control]



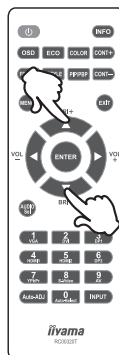
■ Move the cursor vertically

Select adjustment by pressing the ▲ / ▼ Button on the monitor or the Remote Control while the menu page is displayed on the screen.

[Monitor]



[Remote Control]



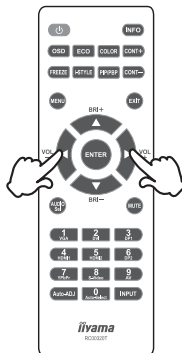
■ Move the Adjustment bar

Perform the adjustment by pressing the ◀ / ▶ Button on the monitor or on the Remote Control while the Adjustment bar of menu page is displayed on the screen.

[Monitor]



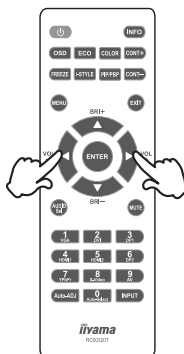
[Remote Control]



■ Adjust the volume of sound

Press the VOL ◀/▶ Button on the Remote Control to adjust the volume of sound when the menu page is not displayed on the screen.

[Remote Control]



■ Switch the input signal

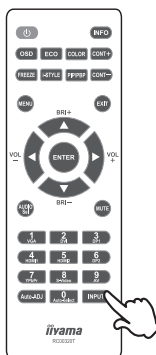
This is activated when you successively press the ENTER Button on the monitor or INPUT Button on the Remote Control.

Even you can switch by pressing the Number Button (1-5) on the Remote Control.

[Monitor]



[Remote Control]

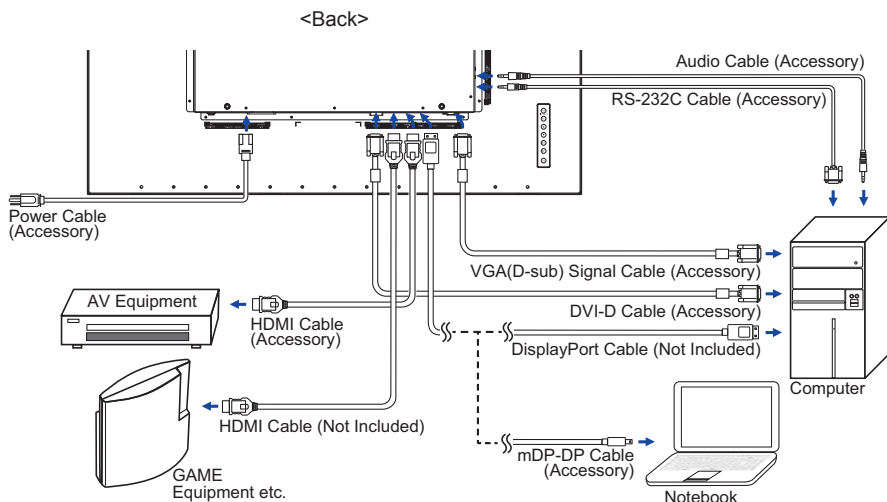


CONNECTING YOUR MONITOR

- ① Ensure that both the computer and the monitor are switched off.
- ② Connect the computer to the monitor with the signal cable.
- ③ Connect the monitor to the audio equipment with the Audio Cable for computer when using the audio features.
- ④ Connect the Power Cable to the monitor first and then to the power supply.
- ⑤ Turn on your monitor (Main Power Switch and Power Switch) and computer.

- NOTE**
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
 - For connection to Macintosh computers, contact your local iiyama dealer or regional iiyama office for a suitable adaptor.
 - Make sure you tighten the finger screws at each end of the Signal Cable.

[Example of Connection]



COMPUTER SETTING

■ Signal Timing

Change to the desired signal timing listed on page 31: COMPLIANT TIMING.

■ Windows XP/Vista/7/8 Plug & Play

The iiyama LCD monitor complies with DDC2B of VESA standard. The Plug & Play function runs on Windows XP/Vista/7/8 by connecting the monitor to DDC2B compliant computer with the Signal Cable supplied.

For installation on Windows XP: The monitor Information File for iiyama monitors may be necessary for your computer and obtained via the Internet, using the address:

<http://www.iiyama.com>

NOTE

- For additional information on how to download the driver for your touch screen monitor, please access the internet site noted above.
- Monitor Drivers are not required in most cases for Macintosh or Unix operating systems. For further information, please contact your computer dealer first for advice.

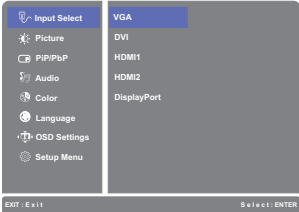
■ Procedure for turning ON the Power Switch

Turn ON the monitor first, and then the computer.

OPERATING THE MONITOR

To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 31. You are also able to adjust the picture by following the button operation shown below. For more detailed adjustments, see page 25 for SCREEN ADJUSTMENTS.

- ① Press the MENU Button to start the On Screen Display (OSD) feature. There are additional Menu items which can be switched by using the ▲ / ▼ Buttons.



- ② Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the ENTER Button. Then, use the ▲ / ▼ Buttons to highlight the desired adjustment icon.
- ③ Press the ENTER Button again. Use the ▲ / ▼ Buttons to make the appropriate adjustment or setting.
- ④ Press the EXIT Button to leave the menu, and the settings you just made would be automatically saved.

For example, to correct for vertical position, select Menu item of ⚙️ (Setup) and then press the ENTER Button. Then , select V. Position by using the ▲ / ▼ Buttons.



An adjustment page appears after you press the ENTER Button. Then, use the ▲ / ▼ Buttons to change the vertical position settings. The vertical position should be changing accordingly while you are doing this.



Press the EXIT Button lastly, it ends, all changes are saved in the memory.

- NOTE**
- When button operations are aborted during adjustment, On-Screen Display disappears when the time set for the OSD Time Out has passed. Also, the EXIT button can be used to return previous menu and turn off the On-Screen Display.
 - Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
 - Adjustments for Image H./V.Position, Clock and Phase are saved for each signal timing. Except for these adjustments, all other adjustments have only one setting which applies to all signal timings.

ADJUSTMENT MENU CONTENTS

 **Input Select** **Direct**

Adjustment Item	Problem / Option	Button to Press
Input Select	VGA	Select the VGA input.
	DVI	Select the DVI input.
	HDMI1	Select the HDMI1 input.
	HDMI2	Select the HDMI2 input.
	DisplayPort	Select the DisplayPort input.
	AUTO	Search for an available input source and select automatically.

NOTE However it will automatically be selected when just one source is using.
In Power Management Mode input switching is disabled.
Input source is fixed, not selected automatically when VGA, DVI, HDMI1, HDMI2 and DisplayPort which are selected.

Direct

You can skip the Menu items and display an adjustment scale directly by using the following button operations.

- Input Select: Press the INPUT Button when the Menu is not displayed.

 Picture					
Adjustment Item		Problem / Option		Button to Press	
Picture Format * ⁵	Full Screen	Full screen display			
	Aspect Ratio * ⁴	Expansion display of Aspect			
	Dot By Dot	Display the picture dot by dot.			
Contrast	Too dull				
	Too intense				
Brightness * ^{1,2,3}	Too dark				
	Too bright				
Sharpness	You can change the picture quality from 0 to 100 (soft to sharp). Press the  Button to change the picture quality in numerical order. Press the  Button to change the picture quality in reverse numerical order.				 
Overdrive * ⁵	Off / -2 / -1 / 0 / +1 / +2 It will improve the gray level response time of the LCD panel. A higher level results in a faster response time.			 	 
Adv. Contrast * ^{2,5}	On	Increased Contrast Ratio			
	Off	Typical Contrast Ratio			
ECO Mode	Off	Normal			
	1	Brightness of back-light is reduced.			
	2	Brightness of back-light is reduced more than 1.			
	3	Brightness of back-light is reduced more than 2.			

^{*1} Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

^{*2} Brightness and Adv. Contrast adjustments are disabled when ECO Mode is on.

^{*3} Brightness adjustment is disabled when Adv. Contrast is on.

^{*4} Option unavailable with 16:9 resolution. When input video resolution is 4:3, 5:4 or 16:10, the image will be displayed in the center of the screen with 4:3 aspect ratio.

^{*5} Picture Format, Over Drive, Adv. Contrast are disabled when PiP/PbP Mode is activated.


PiP/PbP

Adjustment Item	Problem / Option		Button to Press
PiP/PbP Mode *	Off	PiP/PbP Mode is turned off.	
	PiP	Display the sub screen in the main screen.	
	PbP 2win	Divide display images in two	
	PbP 3win	Divide display images in three	
	PbP 4win	Divide display images in four	
Sub Win1 Input Sub Win2 Input Sub Win3 Input	VGA	Select the VGA input.	
	DVI	Select the DVI input.	
	HDMI1	Select the HDMI1 input.	
	HDMI2	Select the HDMI2 input.	
	DisplayPort	Select the DisplayPort input.	
PiP Size	Small	Reduce the size of the Sub screen.	
	Middle	Normal size	
	Large	Increase the size of the Sub screen.	
PiP Position	Top-Right	Move the sub screen to the top right corner.	
	Top-Left	Move the sub screen to the top left corner.	
	Bottom-Right	Move the sub screen to the bottom right corner.	
	Bottom-Left	Move the sub screen to the bottom left corner.	
Swap	Swaps the Main/Sub screens when PiP mode is active.		

* PiP = Picture In Picture

With this function, you can display two different pictures.

PbP = Picture By Picture

With this function, you can display max. four different pictures.

 Audio Direct			
Adjustment Item	Problem / Option		Button to Press
Volume	Too soft		
	Too loud		
Mute Direct	On	Turn off the sound temporarily.	
	Off	Return the sound volume to the previous level.	
Audio Input *	Line-In	Select the Line-In input.	
	HDMI1	Select the HDMI1 input.	
	HDMI2	Select the HDMI2 input.	
	DisplayPort	Select the DisplayPort input.	

* Suitable for HDMI/DisplayPort input only.

Direct

You can skip the Menu items and display an adjustment scale directly by using the following button operations.

- Audio: Press the ▲ Button when the Menu is not displayed.
- Mute: Pressing and holding of the ▲ Button for about 2 seconds when the Menu is not displayed.

Mute and Unmute are switched as follows by pressing the ▲ Button successively.

 Color *		
Adjustment Item	Problem / Option Button to Press	
Warm (5500K)	Greenish white	
Normal (6500k)	Reddish white	
Cool (9300k)	Bluish white	
User Color	Red	Too weak  
	Green	Too strong  
	Blue	
i-Style Color Direct	Standard	For general windows environment and monitor default setting.
	Scenery	For displaying outdoor scenery images
	Cinema	For movie and video environment.
	Game	For PC game environment.
	Text	For text editing and viewing in a word processing environment.
	Off	Return to a state set by color adjustment except i-Style Color.

* Color is disabled when Blue Light Reducer is activated.

Direct

You can skip the Menu items and display an adjustment scale directly by using the following button operations.

- i-Style Mode : Press the ▼ Button when the Menu is not displayed.



Language

Adjustment Item	Problem / Option				Button to Press
Language	English	English	Italiano	Italian	
	Français	French	Русский	Russian	
	Deutsch	German	日本語	Japanese	
	Nederlands	Dutch	简体中文	Simplified Chinese	
	Polski	Polish	繁體中文	Traditional Chinese	
	Česky	Czech			



OSD Setting

Adjustment Item	Problem / Option		Button to Press
OSD H. Position	OSD is too left OSD is too right		
OSD V. Position	OSD is too low OSD is too high		
OSD Background	The background of OSD is mode transparent. Off / 1 / 2 / 3 / 4		
OSD Time Out	You can set the OSD display duration time. 5 / 10 / 20 / 30 / 60 seconds		
Opening Logo	On	iiyama Logo displayed when the monitor is turned on.	
	Off	iiyama Logo does not display when the monitor is turned on.	
OSD Rotate	On	Rotate OSD counterclockwise 90 degrees.	
	Off	Normal	
Monitor ID	Set ID to the Monitor. 1-26		

Setup Menu				
Adjustment Item	Problem / Option		Button to Press	
Auto Image Adjust *1,2	Direct		Adjust H. / V. Position, Clock and Phase automatically.	
H. Position *1,3	Too left Too right			
V. Position *1,3	Too low Too high			
Phase *1	To correct flickering text or lines			
Clock *1	Too narrow Too wide			
DisplayPort *5	Set the version of the DisplayPort. 1.1/1.2			
Blue Light Reducer *4	Off		Typical	
	1		Blue light is reduced.	
	2		Blue light is reduced more than Mode1.	
	3		Blue light is reduced more than Mode2.	
Scheduling *6	Schedule1 Schedule2 Schedule3		Status: On/Off Enable turn on or off function. Source: VGA/DVI/HDMI1/HDMI2/DisplayPort Select default input source to use when the display is automatically turned on next time. Ontime: 00:00 Set the turn on time. Offtime: 00:00 Set the turn off time. Repeat Modes: Sets a recurring schedule. No Repeat / Every Sunday / Every Monday / Every Tuesday / Every Wednesday / Every Thursday / Every Friday /Every Saturday	
	Clock Setting		Sets the current day of the week and time. Time / Week	
Memory Recall	Yes		Factory-preset data is restored.	
	No		Return to Menu.	
Information	Displays information regarding the current input signal coming from the graphic card in your computer. <Example> Input Picture Picture Audio Color Language Auto Settings Setup Menu Memory Recall Information Auto Image Adjust H. Position V. Position Phase Clock DisplayPort Blue Light Reducer Scheduling Memory Recall Information Resolution: 1920x1080@50Hz Model Number: PL400101 NOTE See your graphic card user guide for more information about changing the resolution and refresh.			

- *1 Only Analog Input.
- *2 For best results, use the Auto Image Adjust in conjunction with the adjustment pattern. See page 25 for SCREEN ADJUSTMENTS.
- *3 See page 25 for SCREEN ADJUSTMENTS.
- *4 Blue Light Reducer is disabled when Color is activated.
- *5 To display 3840 x 2160 at 60 Hz, the DisplayPort setting must be enabled as 1.2, and the source graphic card must be capable of supporting 3840 x 2160 resolution at 60Hz.
- *6 If you turn off the Main Power Switch, the schedule will be erased.

Direct

You can skip the Menu items and display an adjustment scale directly by using the following button operations.

- Auto Image Adjust: Pressing and holding of the ▼ Button for about 2 seconds when the Menu is not displayed.
- Blue Light Reducer: Pressing and holding of the ENTER Button for about 2 seconds when the Menu is not displayed.
- FREEZE : Press the FREEZE Button when the Menu is not displayed.
On: Freeze the picture.
Off: Return to Normal.

SCREEN ADJUSTMENTS

Adjust the image by following the procedure below to get the desired picture when selecting Analog input.

- The screen adjustments described in this manual are designed to set image position and minimize flicker or blur for the particular computer in use.
- The monitor is designed to provide the best performance at resolution of 3840 × 2160, but can not provide the best at resolutions of less than 3840 × 2160 because the picture is automatically stretched to fit the full screen. It is recommended to operate at resolution of 3840 × 2160 in normal use.
- Displayed text or lines will be blurred or irregular in thickness when the picture is stretched due to the screen enlargement process.
- It is preferable to adjust the image position and frequency with the monitor controls, rather than the computer software or utilities.
- Perform adjustments after a warm-up period of at least thirty minutes.
- Additional adjustments may be required after the Auto Adjust depending on the resolution or signal timing.
- The Auto Adjust may not work correctly when displaying the picture other than the screen adjustment pattern. In this case, manual adjustments are required.

There are two ways to adjust the screen. One way is automatic adjustment for Position, Clock and Phase. The other way is performing each adjustment manually.

Perform the Auto Adjust first when the monitor is connected to a new computer, or resolution is changed. If the screen has a flicker or blur, or the picture does not fit in the display area after performing the Auto Adjust, manual adjustments are required. Both adjustments should be made by using the screen adjustment pattern (Test.bmp) obtained via the IYAMA web site (<http://www.iiyama.com>).

Adjust the image by following the procedure below to get the desired picture.

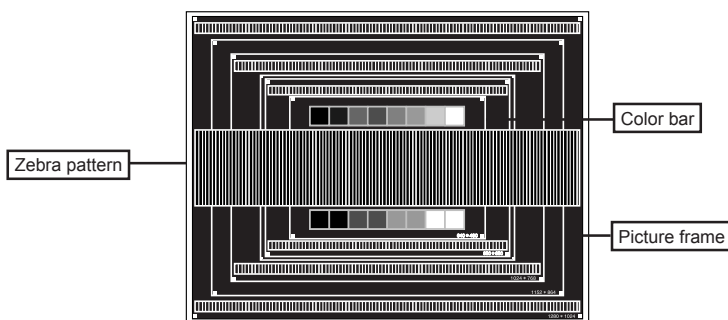
This manual explains adjustment under Windows® OS.

- ① **Display the picture at the optimum resolution.**
- ② **Enter the Test.bmp (screen adjustment pattern) to wallpaper.**

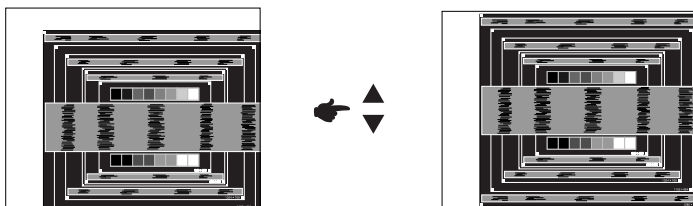
NOTE

- Consult the appropriate documentation for doing this.
- Test.bmp is made at resolution of 1280 × 1024. Set the display position to center in the wallpaper setting dialogue box. If you use Microsoft® PLUS! 95/98 cancel the setting of "Stretch desktop wallpaper to fit the screen".

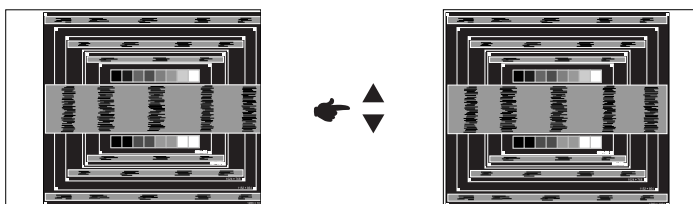
[Adjustment pattern]



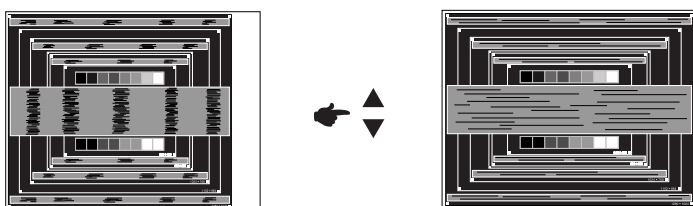
- ③ Adjust the Auto Adjustment.
- ④ Adjust the image manually by following procedure below when the screen has a flicker or blur, or the picture does not fit in the display area after performing the Auto Adjust.
- ⑤ Adjust the V-Position so that the top and bottom of the picture frame will fit to the display area.



- ⑥ 1) Adjust the H-Position so that the left side of the picture frame will move to the left edge of the display area.



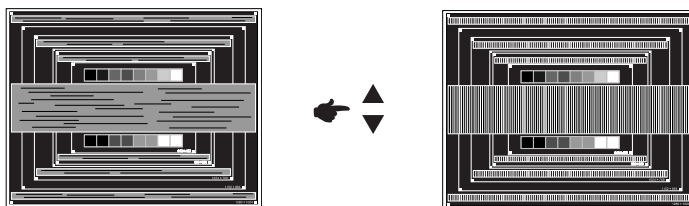
- 2) Stretch the right side of the picture frame to the right edge of the display area by adjusting the Clock.



NOTE

- When the left side of the picture frame moves apart from the left edge of the display area during the Clock adjustment, adjust steps 1) and 2).
- Another way to make the Clock adjustment is to correct the vertical wavy lines in the zebra pattern.
- The picture may flicker during the Clock, H/V-Position adjustment.
- In case the picture frame is bigger or smaller than the data display area after the Clock adjustment, repeat steps from ③.

- ⑦ **Adjust the Phase to correct horizontal wavy noise, flicker or blur in the zebra pattern.**



NOTE

- In case the strong flicker or blurs remain on a part of the screen, repeat steps ⑥ and ⑦ because the Clock may not be adjusted correctly. If the flicker or blurs still remain, set the refresh rate of computer to low (60Hz) and repeat steps from ③ again.
- Adjust the H-Position after the Phase adjustment if the horizontal position moves during the adjustment.

- ⑧ **Adjust the Brightness and Color to get the desired picture after you complete the Clock and Phase adjustments.**

Put back your favorite wallpaper.

TROUBLE SHOOTING

If the monitor fails to operate correctly, please follow the steps below for a possible solution.

1. Perform the adjustments described in OPERATING THE MONITOR, depending on the problem you have. If the monitor does not get a picture, skip to 2.
2. Consult the following items if you cannot find an appropriate adjustment item in OPERATING THE MONITOR or if the problem persists.
3. If you are experiencing a problem which is not described below or you cannot correct the problem, discontinue using the monitor and contact your dealer or iiyama service center for further assistance.

Problem	Check
① The picture does not appear.	☐ The Power Cable is firmly seated in the socket. ☐ The Power Switch is turned ON. ☐ The AC socket is live. Please check with another piece of equipment. ☐ If the blank screen saver is in active mode, touch the keyboard or the mouse. ☐ Increase the Contrast and/or Brightness. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor. ☐ If the monitor is in power management mode, touch the keyboard or the mouse.
② The screen is not synchronized.	☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor. ☐ The video output level of the computer is within the specification of the monitor.
③ The screen position is not in the center.	☐ The signal timing of the computer is within the specification of the monitor.
④ The screen is too bright or too dark.	☐ The video output level of the computer is within the specification of the monitor.
⑤ The screen is shaking.	☐ The power voltage is within the specification of the monitor. ☐ The signal timing of the computer is within the specification of the monitor.
⑥ No sound.	☐ The audio equipment (computer etc.) is ON. ☐ The Audio Cable is properly connected. ☐ The Volume is turned up. ☐ The Mute is OFF. ☐ The audio output level of the audio equipment is within the specification of the monitor.
⑦ The sound is too loud or too quiet.	☐ The audio output level of the audio equipment is within the specification of the monitor.
⑧ A strange noise is heard.	☐ The Audio Cable is properly connected.

RECYCLING INFORMATION

For better environment protection please don't dispose your monitor.
Please visit our web site: www.iiyama.com/recycle for monitor recycling.

APPENDIX

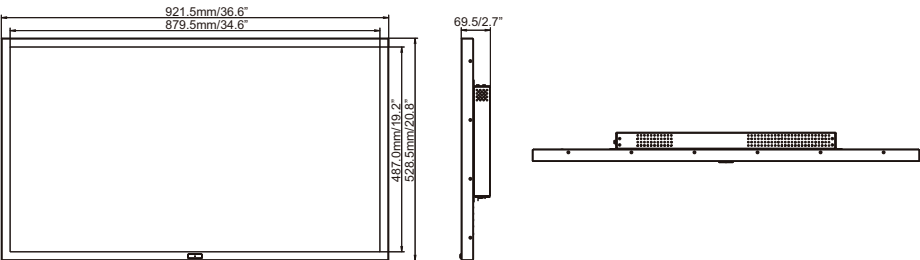
Design and specifications are subject to change without prior notice.

SPECIFICATIONS

Size Category		40"
LCD	Panel technology	MVA
Panel	Size	Diagonal: 39.5" (100.3cm)
	Pixel pitch	0.229mm H × 0.225mm V
	Brightness	350cd/m ² (Typical)
	Contrast ratio	5000 : 1 (Typical)
	Viewable angle	Horizontal : 178 degrees, Vertical: 178 degrees (Typical)
	Response time	4ms (Gray to Gray)
Display Colors		Approx.1.07G
Sync Frequency		Analog: Horizontal: 30.0-80.0kHz, Vertical: 55-75Hz Digital(DVI): Horizontal: 30.0-100.0kHz, Vertical: 24-30,55-75Hz Digital(HDMI): Horizontal: 30.0-100.0kHz, Vertical: 24-30,55-75Hz Digital(DisplayPort): Horizontal: 30.0-135.0kHz, Vertical: 24-30,55-75Hz
Maximum Resolution		3840 × 2160, 8.3 MegaPixels
Input Connector		VGA(D-sub) mini 15 pin, DVI-D 24 pin, HDMIx2, DisplayPort
Input Audio Connector		ø 3.5mm mini jack (Stereo)
Serial Port		RS-232C
Plug & Play		VESA DDC2B™
Input Sync Signal		Separate sync: TTL, Positive or Negative
Input Video Signal		Analog: 0.7Vp-p (Standard), 75Ω, Positive Digital: DVI (Digital Visual Interface Standard Rev.1.0) compliance Digital: HDMI, DisplayPort
Input Audio Signal		1.0Vrms maximum
Output Connector		DisplayPort
Output Audio Connector		ø 3.5mm mini jack (Stereo)
Speakers		6W×2 (Stereo speakers)
Maximum Screen Size		878.11mm W × 485.35mm H / 34.6" W × 19.1"
Power Source		100-240VAC, 50/60Hz, 3.0A
Power Consumption*		61W typical Energy Efficiency Class: B
Dimensions / Net Weight		921.5 × 528.5 × 69.5mm / 36.6 × 20.8 × 2.7" (W×H×D) 15.6kg / 34.4lbs
Environmental Considerations	Operating: Temperature	5 to 35°C / 41 to 95°F
	Humidity	10 to 80% (No condensation)
	Storage: Temperature	-20 to 60°C / -4 to 140°F
	Humidity	5 to 85% (No condensation)
Approvals		CE, TÜV-Bauart, CU, VCCI-B, PSE

NOTE * Audio equipment are not connected.

DIMENSIONS



* Protruding portion(s) not included.

ENGLISH

COMPLIANT TIMING

Video Mode		Horizontal Frequency	Vertical Frequency	Dot Clock
VESA	VGA 640 × 480	31.469kHz	59.940Hz	25.175MHz
		37.500kHz	75.000Hz	31.500MHz
		37.861kHz	72.809Hz	31.500MHz
	SVGA 800 × 600	35.156kHz	56.250Hz	36.000MHz
		37.879kHz	60.317Hz	40.000MHz
		46.875kHz	75.000Hz	49.500MHz
	XGA 1024 × 768	48.363kHz	60.004Hz	65.000MHz
		56.476kHz	70.069Hz	75.000MHz
		60.023kHz	75.029Hz	78.750MHz
	SXGA 1280 × 1024	63.981kHz	60.020Hz	108.000MHz
		79.976kHz	75.025Hz	135.000MHz
	WXGA+ 1440 × 900	55.935kHz	59.887Hz	106.500MHz
		70.635kHz	74.984Hz	136.750MHz
	WSXGA+ 1680 × 1050	65.290kHz	60.000Hz	146.250MHz
	Full HD 1920 × 1080	66.590kHz	59.930Hz	138.500MHz
	QWXGA 2048 × 1152	71.584kHz	60.000Hz	197.000MHz
	WQHD 2560 × 1440	88.787kHz	59.951Hz	241.500MHz
	UHD 3840 × 2160	67.430kHz	29.970Hz	296.700MHz
		133.313kHz	59.997Hz	533.250MHz

NOTE *1 DVI, HDMI and DisplayPort input only.
*2 DisplayPort input only.